

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	238	(LED or light adj emitting) with (metal\$4 or copper) same (laser or spot) with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 10:22
S2	10012	(LED or light adj emitting) with (metal\$4 or copper) and (laser or spot or weld\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 10:22
S31	21	("3835414"   "4319839"   "4358659"   "4471415"   "4562350"   "4601452"   "4687165"   "4720168"   "4901325"   "4959761"   "4993801").PN. OR ("5617441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 11:34
S30	10	("3835414"   "4319839"   "4358659"   "4562350"   "4601452"   "4720168"   "4901325"   "4959761"   "4993801").PN. OR ("5645739").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 11:34
S29	250	(LED or light adj emitting) with (metal\$4 or copper or nickel) same (laser or spot) with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 11:38
S32	157	(diode) with (metal\$4 or copper or nickel) same (laser or spot) with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 11:39
S34	10181	(362/487.ccls. or 362/540.ccls. or 362/543-545.ccls. or 362/227.ccls. or 362/249.ccls. or 362/259.ccls. or 362/294.ccls. or 362/800.ccls. or 439/485.ccls. or 439/487.ccls. or 361/702.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 11:58
S27	77	(362/487.ccls. or 362/540.ccls. or 362/543-545.ccls. or 362/227.ccls. or 362/249.ccls. or 362/259.ccls. or 362/294.ccls. or 362/800.ccls. or 439/485.ccls. or 439/487.ccls. or 361/702.ccls.) and weld\$4 with (light adj emitting adj diode or LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 11:58

## EAST Search History

S35	46	(362/487.ccls. or 362/540.ccls. or 362/543-545.ccls. or 362/227.ccls. or 362/249.ccls. or 362/259.ccls. or 362/294.ccls. or 362/800.ccls. or 439/485.ccls. or 439/487.ccls. or 361/702.ccls.) and (metal or copper or nickel or iron) with layer and (diode or light adj emitting or LED) and weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:02
S38	6	362/549.ccls. and laser with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:20
S37	1030	362/549.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:30
S40	12	219/86.1.ccls. and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:31
S39	304	219/86.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:52
S41	1767	219/121.64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:58
S42	427	219/121.64.ccls. and laser with spot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 12:59
S44	12	219/121.64.ccls. and laser with spot and (light adj emitting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 13:00
S43	67	219/121.64.ccls. and laser with spot and (diode or light adj emitting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 13:00

## EAST Search History

S45	7	((diode OR light ADJ emitting) AND (laser WITH spot WITH weld\$4)).CLM.	US-PGPUB	OR	ON	2006/03/22 13:06
S36	2	(362/487.ccls. or 362/540.ccls. or 362/543-545.ccls. or 362/227.ccls. or 362/249.ccls. or 362/259.ccls. or 362/294.ccls. or 362/800.ccls. or 439/485.ccls. or 439/487.ccls. or 361/702.ccls.) and (metal or copper or nickel or iron) with layer and (diode or light adj emitting or LED) and laser with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/22 13:06
S46	315	(257/99.ccls. or 313/512.ccls. or 361/717-719.ccls. or 361/806.ccls. or 361/808-809.ccls. or 361/820.ccls. or 361/823.ccls. or 445/23-25.ccls.) and (light adj emitting or diode) and (laser or spot) same (weld\$3 or bond\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:59
S47	3	(257/99.ccls. or 313/512.ccls. or 361/717-719.ccls. or 361/806.ccls. or 361/808-809.ccls. or 361/820.ccls. or 361/823.ccls. or 445/23-25.ccls.) and (light adj emitting or diode) and laser with spot with weld\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 14:09
S18	28	(US-20010030866-\$ or US-20020067621-\$ or US-20020113244-\$ or US-20030133302-\$ or US-20030218417-\$ or US-20040029436-\$ or US-20040190294-\$ or US-20040252501-\$ or US-20050018435-\$ or US-20050030754-\$).did. or (US-4023005-\$ or US-4707067-\$ or US-5519596-\$ or US-5631990-\$ or US-6318886-\$ or US-6409361-\$ or US-6428189-\$ or US-6541800-\$ or US-6821143-\$ or US-6866398-\$ or US-6888723-\$ or US-6903380-\$).did. or (EP-1139019-\$).did. or (JP-63273583-\$ or JP-2004297065-\$).did. or (JP-07239428-\$ or JP-10216959-\$ or EP-1463391-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/31 14:09

## EAST Search History

S51	123	S48 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 14:10
S50	1628666	diode or (light adj emitting) or led or (solid adj state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:10
S53	124	S50 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:11
S52	701	(laser adj spot adj weld\$3) or (spot adj laser adj weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:11
S48	700	(laser adj spot adj weld\$3) or (spot adj laser adj weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 14:11
S1	7	"20020067621" or "20010030866" or "4023005".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/10 13:53